

Claim 1. (Currently Amended) A pen-type mobile telephone, comprising[[],]; housing (1), display (2), button (3,4,5), telephone receiver (6), and earphone (7) etc., wherein,

said housing (1) of said pen-type mobile telephone has a shape of slender rod-form;

said display (2) is in slender form and in longitudinal setting, namely the long side in up and down direction, the wide side in left and right direction;

in said housing (1) also included are: printed circuit board (11), circuit part (12, 13) and drawer-type SIM card plug [[&]] and receptacle (14)[[]] wherein a socket (9) inserted with the drawer-type SIM card plug and receptacle (14) set in a side face of the housing;

said printed circuit board (11) uses more than 6 layer printed circuit board, with a width smaller than the width of the housing (1);

said circuit part (12, 13) is mainly divided into radio frequency module (12) and fundamental frequency module (13), the widths of the two modules are also smaller than the width of the housing.

Claim 2. (Canceled)

Claim 3. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein the volume of said housing (1) is less than: length 140mm x width 35mm x thickness 23mm[[]].

Claim 4. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein the volume of said housing (1) is less than: length 140mm x width 25mm x thickness 18mm[[]].

Claim 5. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein a hang buckle (10) is installed at the top or the back of the housing (1).

Claim 6. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein said printed circuit board (11) is an 8 layer printed circuit board.

Claim 7. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein a function expansion area (15) is set at the bottom of said printed circuit board (11).

Claim 8. (Currently Amended) A pen-type mobile telephone, according to claim 1, wherein comprising:

housing (1), display (2), button (3,4,5), telephone receiver (6), and earphone (7),

wherein,

said housing (1) of said pen-type mobile telephone has a shape of slender rod-form;

said display (2) is in slender form and in longitudinal setting, namely the long side in up and down direction, the wide side in left and right direction;

in said housing (1) also included are: printed circuit board (11), circuit part (12, 13) and card plug and receptacle (14);

said printed circuit board (11) uses more than 6 layer printed circuit board, with a width smaller than the width of the housing (1) and a multiple-in-one socket (16) is installed at said printed circuit board (11);

said circuit part (12, 13) is mainly divided into radio frequency module (12) and fundamental frequency module (13), the widths of the two modules are also smaller than the width of the housing.

Claim 9. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, or 8, 10 or 13, wherein a vibrating motor (23) is installed at said printed circuit board (11).

Claim 10. (Currently Amended) A pen-type mobile telephone according to claim 1 or 7, comprising:

housing (1), display (2), button (3,4,5), telephone receiver (6), and earphone (7), wherein,

said housing (1) of said pen-type mobile telephone has a shape of slender rod-form;

said display (2) is in slender form and in longitudinal setting, namely the long side in up and down direction, the wide side in left and right direction;

in said housing (1) also included are: printed circuit board (11), circuit part (12, 13) and card plug and receptacle (14) wherein at said printed circuit board (11) a laser (24) is provided at a position corresponding to a laser exit (8) set at the bottom of the housing;

said printed circuit board (11) uses more than 6 layer printed circuit board, with a width smaller than the width of the housing (1);

said circuit part (12, 13) is mainly divided into radio frequency module (12) and fundamental frequency module (13), the widths of the two modules are also smaller than the width of the housing.

Claim 11. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein said pen-type mobile telephone uses built-in cell (19).

Claim 12. (Currently Amended) A The pen-type mobile telephone according to any one of claims 1, 8, 10 or 13, wherein said pen-type mobile telephone uses built-in antenna (17).

Claim 13. (Currently Amended) A pen-type mobile telephone, according to claim 1, comprising:

housing (1), display (2), button (3,4,5), telephone receiver (6), and earphone (7),

wherein said button includes digit keys and function keys (5) in oblique arrangement, with angles of inclination between 30°~60°;

said housing (1) of said pen-type mobile telephone has a shape of slender rod-form;

said display (2) is in slender form and in longitudinal setting, namely the long side in up and down direction, the wide side in left and right direction;

in said housing (1) also included are: printed circuit board (11), circuit part (12, 13) and card plug and receptacle (14);

said printed circuit board (11) uses more than 6 layer printed circuit board, with a width smaller than the width of the housing (1);

said circuit part (12, 13) is mainly divided into radio frequency module (12) and fundamental frequency module (13), the widths of the two modules are also smaller than the width of the housing.